



STIC Search Report

EIC 3600

STIC Database Tracking Number: 134081

TO: Eric Shaffer
Location: Pk. 5, 7B03
Art Unit : 3623
October 4, 2004

Case Serial Number: 09/629717

From: Caryn Wesner-Early
Location: EIC 3600
PK5-Suite 804
Phone: 306-5967

Caryn.Wesner@uspto.gov

Search Notes

If a modification or re-focus of this search is needed, please let me know.

Caryn S. Wesner-Early, MSLS
Technical Information Specialist
EIC 3600, US Patent & Trademark Office
Phone: (703) 306-5967
Fax: (703) 306-5758
caryn.wesner@uspto.gov





STIC EIC 3600 Search Request Form

Today's Date:

Sept 30, 2000

Priority Date:

July 31, 2000

For 705 Searches list subclass:

705 8, 9, 10

Your Name haffer

AU 3623 Examiner # 79394

Room # 71303 Phone 305 5283

Serial # 09 629 171

Is this a Rush? YES ☒ NO

SPE's Signature _____

Is this a first action amendment? YES ☒ NO

Is this a refocus? YES ☒ NO

Access # 134087

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks

Point of sale, cash register retail
measure of ^{speed} time, or efficiency, or accuracy of a cas.
Cashier performs scanning, weighing, key operati
or tender operation

STIC Searcher _____ Phone _____
Date picked up _____ Date completed _____



STIC Search Results Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Karen Lehman, EIC 3600 Team Leader
306-5783, PK5- Suite 804

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804



?show files;ds

File 347: JAPIO Nov 1976-2004/May (Updated 040903)
(c) 2004 JPO & JAPIO

File 348: EUROPEAN PATENTS 1978-2004/Sep W04
(c) 2004 European Patent Office

File 349: PCT FULLTEXT 1979-2002/UB=20040930, UT=20040923
(c) 2004 WIPO/Univentio

File 350: Derwent WPIX 1963-2004/UD, UM & UP=200463
(c) 2004 Thomson Derwent

File 371: French Patents 1961-2002/BOPI 200209
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File 120: U.S. Copyrights 1978-2004/Sep 28
(c) format only 2004 The Dialog Corp.

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(c) 2004 J. Whitaker & Sons Ltd.

File 2: INSPEC 1969-2004/Sep W4
(c) 2004 Institution of Electrical Engineers

File 35: Dissertation Abs Online 1861-2004/Sep
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File 99: Wilson Appl. Sci & Tech Abs 1983-2004/Aug
(c) 2004 The HW Wilson Co.

File 233: Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.

File 474: New York Times Abs 1969-2004/Oct 01
(c) 2004 The New York Times

File 475: Wall Street Journal Abs 1973-2004/Oct 01
(c) 2004 The New York Times

File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 256: TecInfoSource 82-2004/Jul
(c) 2004 Info.Sources Inc

File 8: Ei Compendex(R) 1970-2004/Sep W4
(c) 2004 Elsevier Eng. Info. Inc.

File 94: JICST-EPlus 1985-2004/Sep W1
(c) 2004 Japan Science and Tech Corp(JST)

File 6: NTIS 1964-2004/Sep W4
(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 34: SciSearch(R) Cited Ref Sci 1990-2004/Sep W4
(c) 2004 Inst for Sci Info

File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 7: Social SciSearch(R) 1972-2004/Sep W4
(c) 2004 Inst for Sci Info

File 111: TGG Natl. Newspaper Index(SM) 1979-2004/Oct 04
(c) 2004 The Gale Group

File 9: Business & Industry(R) Jul/1994-2004/Oct 01
(c) 2004 The Gale Group

File 15: ABI/Inform(R) 1971-2004/Oct 04
(c) 2004 ProQuest Info&Learning

File 16: Gale Group PROMT(R) 1990-2004/Oct 04
(c) 2004 The Gale Group

File 20: Dialog Global Reporter 1997-2004/Oct 04
(c) 2004 The Dialog Corp.

File 148: Gale Group Trade & Industry DB 1976-2004/Oct 04
(c) 2004 The Gale Group

File 160: Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275: Gale Group Computer DB(TM) 1983-2004/Oct 04
(c) 2004 The Gale Group

File 476: Financial Times Fulltext 1982-2004/Oct 04
(c) 2004 Financial Times Ltd

File 610: Business Wire 1999-2004/Oct 04
(c) 2004 Business Wire.
File 613: PR Newswire 1999-2004/Oct 04
(c) 2004 PR Newswire Association Inc
File 621: Gale Group New Prod. Annou. (R) 1985-2004/Oct 04
(c) 2004 The Gale Group
File 624: McGraw-Hill Publications 1985-2004/Sep 20
(c) 2004 McGraw-Hill Co. Inc
File 634: San Jose Mercury Jun 1985-2004/Oct 01
(c) 2004 San Jose Mercury News
File 636: Gale Group Newsletter DB(TM) 1987-2004/Oct 04
(c) 2004 The Gale Group
File 810: Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813: PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 13: BAMP 2004/Sep W4
(c) 2004 The Gale Group
File 75: TGG Management Contents(R) 86-2004/Sep W4
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File 990: NewsRoom Current June 1 -2004/Oct 04
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File 141: Readers Guide 1983-2004/Aug
(c) 2004 The HW Wilson Co
File 483: Newspaper Abs Daily 1986-2004/Oct 02
(c) 2004 ProQuest Info&Learning
File 484: Periodical Abs Plustext 1986-2004/Sep W4
(c) 2004 ProQuest
File 47: Gale Group Magazine DB(TM) 1959-2004/Oct 04
(c) 2004 The Gale group

Set	Items	Description
S1	2	AU='MATSKO M':AU='MATSKO M J'
S2	0	AU='MATSKO MICHAEL'
S3	2	AU='MATSKO, M.'
S4	0	AU='MATSKO, MICHAEL J.'
S5	27	AU='LEHMAN K'
S6	2	AU='LEHMAN K R'
S7	4	AU='LEHMAN KR'
S8	0	AU='LEHMAN KATHERINE'
S9	13	AU='LEHMAN, K.'
S10	8	AU='LEHMAN, K. R':AU='LEHMAN, K. R.'
S11	3	AU='LEHMAN, K.R.'
S12	2	AU='LEHMAN, KATEY':AU='LEHMAN, KATEY, 1921-1984'
S13	10	AU='LEHMAN, KATHERINE':AU='LEHMAN, KATHERINE R.'
S14	1	AU='LEHMAN, KATHRYN'
S15	74	S1: S14
S16	10	S15 FROM 347,348,349,350,371
S17	10	IDPAT (sorted in duplicate/non-duplicate order)
S18	10	IDPAT (primary/non-duplicate records only)
S19	64	S15 NOT S16
S20	10	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (-)OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S21	10	S19 AND S20
S22	7	S21 NOT PY>2000
S23	7	S22 NOT PD=20000801:20041130
S24	5	RD (unique items)
S25	15	S18 OR S24

25/3,K/11 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2004 BLDSC all rts. reserv. All rts. reserv.

03604751 INSIDE CONFERENCE ITEM ID: CN037947568

Biomechanical Analysis of Cashiers in Seated and Standing Postures

Lehman, K. R. ; Ryan, M. M.; Psihogios, J. P.

CONFERENCE: Vol 5; Manual work International Ergonomics Association;
Ergonomics for the new millennium-Triennial congress; 14th
PROCEEDINGS OF THE HUMAN FACTORS AND ERGONOMICS SOCIETY ANNUAL MEETING,
2000 P: 181-184

Human Factors and Ergonomics Society, 2000

ISSN: 1071-1813 ISBN: 0945289138

LANGUAGE: English DOCUMENT TYPE: Conference Papers

CONFERENCE SPONSOR: International Ergonomics Association

Human Factors and Ergonomics Society

CONFERENCE LOCATION: San Diego, CA 2000; Jul (200007) (200007)

NOTE:

Held jointly with the 44th annual meeting of the Human Factors and
Ergonomics Society. Also known as IEA 2000, HFES 2000; See also
3808.500 vol 43 no 7 2000 for selected papers including all the
plenary speeches

Biomechanical Analysis of Cashiers in Seated and Standing Postures

Lehman, K. R. ; Ryan, M. M.; Psihogios, J. P.

25/3,K/12 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

06821015 E.I. No: EIP04178133506

Title: Using MVTA to assess upper-extremity MSD risk and performance in a retail environment

Author: Lehman, Katherine R. ; Ryan, Mary M.; Psihogios, Jennie

Corporate Source: NCR Corporation, Atlanta, GA, United States

Conference Title: Proceedings of the XIVth Triennial Congress of the
International Ergonomics Association and 44th Annual Meeting of the Human
Factors and Ergonomics Association, 'Ergonomics for the New Millennium'
Conference Location: San Diego, CA, United States Conference Date:
20000729-20000804

E.I. Conference No.: 62639

Source: Proceedings of the XIVth Triennial Congress of the International
Ergonomics Association and 44th Annual Meeting of the Human Factors and
Ergonomics Association, 'Ergonomics for the New Millennium' 2000.

Publication Year: 2000

Language: English

Author: Lehman, Katherine R. ; Ryan, Mary M.; Psihogios, Jennie

...Abstract: Analysis (MVTA) tool was utilized in a retail environment
to assess upper-extremity motion of **cashiers**. The objective of this study
was to quantify wrist motion in order to evaluate the...

...Data were collected before installation of a magnetic-based security
system and four months after **cashiers** had been trained and used the new
system in their jobs. Both video and wrist motion, collected via
electro-goniometers, were captured from six **cashiers** processing customer
transactions in a Dutch supermarket. MVTA allowed the analysts to
demarcate precise sub...

25/3,K/13 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04514528 E.I. No: EIP96093347718

Title: Factors affecting productivity and ergonomics of supermarket checkers

Author: Madigan, Edwin F. Jr.; Lehman, Katherine R.

Corporate Source: NCR Corp, Atlanta, GA, USA

Conference Title: Proceedings of the 1996 40th Annual Meeting of the Human Factors and Ergonomics Society. Part 1 (of 2)

Conference Location: Philadelphia, PA, USA Conference Date: 19960902-19960906

E.I. Conference No.: 45349

Source: Proceedings of the Human Factors and Ergonomics Society v 1 1996. Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p 419-423

Publication Year: 1996

CODEN: PHFSDQ ISSN: 0163-5182

Language: English

Author: Madigan, Edwin F. Jr.; Lehman, Katherine R.

...Abstract: examine scanning productivity and ergonomic issues as a function of scanner technology and product type. **Cashiers** performed both normal and staged activities using bi-optic and flat-bed scanners. In Phase ...

25/3,K/14 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2004 Inst for Sci Info. All rts. reserv.

04212611 Genuine Article#: RN919 No. References: 27

Title: QUANTIFICATION OF WRIST MOTIONS DURING SCANNING

Author(s): MARRAS WS; MARKLIN RW; GREENSPAN GJ; **LEHMAN KR**

Corporate Source: OHIO STATE UNIV, DEPT IND & SYST ENGN, 1971 NEIL

AVVE/COLUMBUS//OH/43210; OHIO STATE UNIV, BIODYNAM

LAB/COLUMBUS//OH/43210; OHIO STATE UNIV, DEPT MED

PHYS/COLUMBUS//OH/43210; OHIO STATE UNIV, DEPT BIOMED

ENGN/COLUMBUS//OH/43210

Journal: HUMAN FACTORS, 1995, V37, N2 (JUN), P412-423

ISSN: 0018-7208

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Author(s): MARRAS WS; MARKLIN RW; GREENSPAN GJ; **LEHMAN KR**

...Abstract: the use of scanners in the grocery store environment. In this study experienced and inexperienced **cashiers** scanned a set of 12 standard grocery items using 19 different combinations of scanners, scanner...

25/3,K/15 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

08019102 SUPPLIER NUMBER: 17334832 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Human factors a key consideration in checkout design. (drugstores)

Lehman, Katherine

Chain Drug Review, v17, n13, p332(1)

July 3, 1995

ISSN: 0164-9914

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 859

LINE COUNT: 00076

Lehman, Katherine

The delay might be caused by **cashiers** waiting for price checks or simply by slow service. In many cases, the checkstands are...

...thousands of dollars on new P-O-S devices or flashy applications, then discover that **cashiers** prefer the old system because it was easier to understand or could be used more...

...a discipline committed to understanding end users of systems - whether they are customers, pharmacists or **cashiers**. The end users' physical and mental capabilities and limitations (e.g. **cashiers**' height, customers' ability to maneuver through aisles in wheelchairs, **cashiers**' proficiency levels after four-hour training sessions) must be defined.

In addition, the tasks that...

...of task complexity, task frequency, physical requirements and feedback requirements.

Finally, the environment in which **cashiers** and customers interact must be considered. Space constraints, noise levels, incentive systems and customer service...

...ones in which the P-O-S peripherals are located directly in front of the **cashiers** so that the workload can be shared evenly between the hands and arms. That style of checkout reduces the risk of injury to **cashiers**' wrists, arms, shoulders and backs.

These are just a few instances of what human factors...

25/AA,AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015705013

WPI Acc No: 2003-767206/

Detection of presence of blobs, e.g. copper, on specimen, e.g. semiconductor wafer, by scanning measurement spots during polishing, and determining if blobs are present on specimen at measurement spots

Local Applications (No Type Date): WO 2003US3306 A 20030204; US 2002354179 P 20020204; US 2003358101 A 20030204; US 2003358105 A 20030204; US 2003358106 A 20030204; US 2003358069 A 20030204; US 2003358107 A 20030204; US 2002354179 P 20020204; US 2003358104 A 20030204; AU 2003207834 A 20030204

Priority Applications (No Type Date): US 2002354179 P 20020204; US 2003358101 A 20030204; US 2003358105 A 20030204; US 2003358106 A 20030204; US 2003358069 A 20030204; US 2003358107 A 20030204; US 2003358104 A 20030204

25/AA,AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014697812

WPI Acc No: 2002-518516/

Customer-specific retail price verifier in retail store, retrieves product price information from central server and adjusts price depending on customer identity and communicates computed price to customer

Local Applications (No Type Date): US 99459936 A 19991213

Priority Applications (No Type Date): US 99459936 A 19991213

25/AA,AN,AZ,TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014097013

WPI Acc No: 2001-581227/

In-sit metalization monitoring for use during fabrication of semiconductor wafers using eddy current and optical measurements providing accurate and efficient film measurement during fabrication

Local Applications (No Type Date): WO 2000US35358 A 20001222; US 99172080 P 19991223; US 2000633198 A 20000807; EP 2000991438 A 20001222; WO 2000US35358 A 20001222; WO 2000US35358 A 20001222; JP 2001547540 A 20001222; US 99172080 P 19991223; US 2000633198 A 20000807; US 2002166585 A 20020605; US 99172080 P 19991223; US 2000633800 A 20000807

Priority Applications (No Type Date): US 2000633800 A 20000807; US 99172080 P 19991223; US 2000633198 A 20000807; US 2002166585 A 20020605

25/AA,AN,AZ,TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014051677

WPI Acc No: 2001-535890/

Self-clearing objective for directing beam towards sample in chemical-mechanical polishing (CMP), comprises fluid flowing between optical element and sample

Local Applications (No Type Date): WO 2000US24888 A 20000911; WO 2000US24888 A 20000911; JP 2001523839 A 20000911; US 99396143 A 19990915

Priority Applications (No Type Date): US 99396143 A 19990915

25/AA,AN,AZ,TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010130476

WPI Acc No: 1995-031727/

Eddy current conductive testing appts. - has probe for measurement at unknown heights above sample with computer determining conductivity by comparison with predefined lift off curves

Local Applications (No Type Date): EP 94630039 A 19940624; JP 94179844 A 19940627; US 9382661 A 19930625

Priority Applications (No Type Date): US 9382661 A 19930625

25/AA,AN,AZ,TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

009080493

WPI Acc No: 1992-207914/

Flying bag toy - includes lightweight bag having inlet opening for receiving ram air and exhaust opening for discharging of air with number of holes to avoid accidental suffocation by infant

Local Applications (No Type Date): US 91672162 A 19910319

Priority Applications (No Type Date): US 91672162 A 19910319

25/AA,AN,AZ,TI/7 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

008621692

WPI Acc No: 1991-125722/

Aq. dispersion surfactants used in paper de-inking without defoamer - contg. alkaline earth salts of 6-22C carboxylic and/or resin acids with alkoxyated alcohol(s) and/or alkali (ne earth) Al silicate(s)

Local Applications (No Type Date): DE 3934893 A 19891019; WO 90EP1697 A 19901010; FI 921664 A 19920414; EP 90915440 A 19901010; WO 90EP1697 A 19901010; JP 90514406 A 19901010; WO 90EP1697 A 19901010; WO 90EP1697 A 19901010; US 92848994 A 19920420

Priority Applications (No Type Date): DE 3934893 A 19891019

25/AA,AN,AZ,TI/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

008621689

WPI Acc No: 1991-125719/

Aq. dispersion surfactants used in paper de-inking without defoamer - contg. 6-22C carboxylic or resin acids and alkoxyated alcohol(s)

Local Applications (No Type Date): DE 3934882 A 19891019; WO 90EP1698 A 19901010; FI 921665 A 19920414; EP 90915459 A 19901010; WO 90EP1698 A 19901010; JP 90514407 A 19901010; WO 90EP1698 A 19901010; AU 9065472 A 19901010; EP 90915459 A 19901010; WO 90EP1698 A 19901010; DE 505555 A 19901010; EP 90915459 A 19901010; WO 90EP1698 A 19901010; WO 90EP1698 A 19901010; US 92848993 A 19920420; US 93142646 A 19931025; US 94328335 A 19941024; WO 90EP1698 A 19901010; FI 921665 A 19920414; JP 90514407 A 19901010; WO 90EP1698 A 19901010; CA 2069935 A 19901010; WO 90EP1698 A 19901010

Priority Applications (No Type Date): DE 3934882 A 19891019; WO 90EP1698 A 19901010

25/AA,AN,AZ,TI/9 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

008496965

WPI Acc No: 1991-001049/

Aq. pharmaceutical coating compsns. - contg. polyacrylic polymer and lipophilic emulsifier, have good storage stability, and gives non-sticking coatings without talc

Local Applications (No Type Date): EP 90111251 A 19900614; DE 3920082 A

19890620; JP 90160054 A 19900620; EP 90111251 A 19900614; DE 502445 A
19900614; EP 90111251 A 19900614; US 90541278 A 19900620; US 91707320 A
19910528; US 92825006 A 19920127; US 92998882 A 19921228; HU 903909 A
19900619; JP 90160054 A 19900620
Priority Applications (No Type Date): DE 3920082 A 19890620

25/AA,AN,AZ,TI/10 (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

007218306

WPI Acc No: 1987-215314/

Retrieval method of stored graphs in multi-user system - having graph
file listing searched according to user-specified representation
preference ordering

Local Applications (No Type Date): EP 87300683 A 19870127; US 86825081 A
19860131; EP 87300683 A 19870127; DE 3751228 A 19870127; EP 87300683 A
19870127; EP 87300683 A 19870127

Priority Applications (No Type Date): US 86825081 A 19860131

25/AA,AN,AZ,TI/11 (Item 1 from file: 65)
DIALOG(R)File 65:(c) 2004 BLDSC all rts. reserv. All rts. reserv.

03604751 INSIDE CONFERENCE ITEM ID: CN037947568

Biomechanical Analysis of Cashiers in Seated and Standing Postures

CONFERENCE: International Ergonomics Association; Ergonomics for the new
millennium

25/AA,AN,AZ,TI/12 (Item 1 from file: 8)
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06821015

E.I. No: EIP04178133506

Title: Using MVTA to assess upper-extremity MSD risk and performance in a
retail environment

25/AA,AN,AZ,TI/13 (Item 2 from file: 8)
DIALOG(R)File 8:(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04514528

E.I. No: EIP96093347718

Title: Factors affecting productivity and ergonomics of supermarket
checkers

25/AA,AN,AZ,TI/14 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2004 Inst for Sci Info. All rts. reserv.

04212611

Title: QUANTIFICATION OF WRIST MOTIONS DURING SCANNING

25/AA,AN,AZ,TI/15 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

08019102 SUPPLIER NUMBER: 17334832

Human factors a key consideration in checkout design. (drugstores)

?show files;ds

File 347:JAPIO Nov 1976-2004/May(Updated 040903)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200463

(c) 2004 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	1232	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK?(- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK()STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	5315	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	362095	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	1102651	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	6	S1(10N) (S2 OR S3)
S6	1	S4(S)S5
S7	18	S1(S) (S2 OR S3)
S8	26	S1 AND (S2 OR S3)
S9	294573	IC=G06F-017?
S10	5	S8 AND S9
S11	20	S7 OR S10
S12	20	IDPAT (sorted in duplicate/non-duplicate order)
S13	20	IDPAT (primary/non-duplicate records only)

13/3,K/4 . (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012933327 **Image available**
WPI Acc No: 2000-105174/200009
XRPX Acc No: N00-080801

Merchandise under ringing and sliding detection method in retail establishments employing electronic cash register

Patent Assignee: NEWLAND R G (NEWL-I)

Inventor: NEWLAND R G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6006198	A	19991221	US 9827392	A	19980220	200009 B

Priority Applications (No Type Date): US 9827392 A 19980220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6006198	A		15	G06F-001/14	

Abstract (Basic):

... The daily **cashier** average item price is compared with store average item price and daily deviation of each **cashier** from store average item price is calculated. The algebraic sum of daily deviation of each **cashier** average item price is calculated. The **cashier** whose algebraic sum of average item price that is significantly different from other **cashiers** is identified for further investigation.

... Average price of items sold by each **cashier** is determined by processing cash register data. Indexing of **cashier** average item price is performed and stored in a database. The store average item price indicating average price of all items sold by all **cashiers** during specified **time** period is **calculated**. INDEPENDENT CLAIMS are also included for the following...

...For detecting under ringing and sliding of merchandise by **cashiers** in retail establishments employing electronic cash register system...

...The figure shows flow diagram for detecting under ringing and sliding of merchandise by **cashiers**.

International Patent Class (Additional): G06F-017/18

13/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011248513 **Image available**
WPI Acc No: 1997-226416/199720
XRPX Acc No: N97-187256

Evaluating performance of operators of point of sale terminals at central management unit in retail environment - displaying identities and characteristics of clerks along with stored transaction information from all terminals

Patent Assignee: SENSORMATIC ELECTRONICS CORP (SENS-N)

Inventor: GREEN G M

Number of Countries: 070 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9713229	A1	19970410	WO 96US16016	A	19961004	199720 B
GB 2306025	A	19970423	GB 9620548	A	19961002	199720
AU 9673930	A	19970428	AU 9673930	A	19961004	199733
EP 868708	A1	19981007	EP 96936228	A	19961004	199844
			WO 96US16016	A	19961004	

AU 703026	B	19990311	AU 9673930	A	19961004	199922
BR 9610809	A	19990713	BR 9610809	A	19961004	199939
			WO 96US16016	A	19961004	
JP 11513514	W	19991116	WO 96US16016	A	19961004	200005
			JP 97514504	A	19961004	

Priority Applications (No Type Date): GB 9520463 A 19951006

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9713229	A1	E	11	G07G-001/12	
Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
JP 11513514	W		14	G07G-001/12	Based on patent WO 9713229
GB 2306025	A		18	G06F-017/60	
AU 9673930	A			G07G-001/12	Based on patent WO 9713229
EP 868708	A1	E		G07G-001/12	Based on patent WO 9713229
Designated States (Regional): DE FR SE					
AU 703026	B			G07G-001/12	Previous Publ. patent AU 9673930
Based on patent WO 9713229					
BR 9610809	A			G07G-001/12	Based on patent WO 9713229

Evaluating performance of operators of point of sale terminals at central management unit in retail environment...

...Abstract (Basic): The method of evaluating performance involves categorising **point of sale station clerks** into groups based upon various criteria. Variable display characteristics specific to each category are selected...

...USE/ADVANTAGE - For retail. For performance evaluation. **Efficient monitoring**. Takes various parameters into consideration...

International Patent Class (Main): **G06F-017/60** ...

13/3,K/7 (Item 7 from file: 347)

DIALOG(R) File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07591808 ****Image available****

MERCHANDISE SALES DATA PROCESSING SYSTEM

PUB. NO.: 2003-085652 [JP 2003085652 A]
 PUBLISHED: March 20, 2003 (20030320)
 INVENTOR(s): SONODA YOSHIICHI
 APPLICANT(s): TOSHIBA TEC CORP
 APPL. NO.: 2001-272256 [JP 2001272256]
 FILED: September 07, 2001 (20010907)

INTL CLASS: G07G-001/12; B42D-011/00; B42D-015/10; **G06F-017/60** ;
 G06K-017/00; G06K-019/00; G07G-001/14

ABSTRACT

... TO BE SOLVED: To provide a merchandise sales data processing system enabling both customers and **cashiers** to easily handle a card for imparting privileges for respective merchandise counters.

SOLUTION: Each terminal...

... so as to be executable a privilege imparting processing by utilizing transaction data of this **time** relating to the merchandise **counter** of the customer handled in the terminal and privilege imparting data in the case of...

13/3,K/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

05939664 **Image available**

PRODUCT SALES DATA REGISTRATION PROCESSOR

PUB. NO.: 10-222764 [JP 10222764 A]

PUBLISHED: August 21, 1998 (19980821)

INVENTOR(s): FUJIWARA YASUHIRO

APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 09-019311 [JP 9719311]

FILED: January 31, 1997 (19970131)

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the burden of a **cashier** which is needed for return product registration work and to shorten a check out **time** by **calculating** the amount of a tax based on a 1st tax rate in a sales registration...

13/3,K/15 (Item 15 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

03992482 **Image available**

ELECTRONIC CASH REGISTER

PUB. NO.: 04-357582 [JP 4357582 A]

PUBLISHED: December 10, 1992 (19921210)

INVENTOR(s): KATO MASATO

APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 03-084144 [JP 9184144]

FILED: April 16, 1991 (19910416)

JOURNAL: Section: P, Section No. 1531, Vol. 17, No. 228, Pg. 60, May
11, 1993 (19930511)

ABSTRACT

... total score figure reaches the set score figure, the discount calculating means 11 and 12 **calculate** appropriate discount amount. At this **time**, the total score figure comes to equal the remaining score figure obtained after the set...

... Thus, by submitting the score card 100, a customer can enjoy discount service and a **cashier** knows the discount amount.

13/3,K/17 (Item 17 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

03348598 **Image available**

POS SYSTEM

PUB. NO.: 03-011498 [JP 3011498 A]

PUBLISHED: January 18, 1991 (19910118)

INVENTOR(s): YAMAGUCHI KATSUHIRO
TSUTSUMI KAZUNOBU

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 01-145900 [JP 89145900]

FILED: June 08, 1989 (19890608)
JOURNAL: Section: P, Section No. 1185, Vol. 15, No. 127, Pg. 21, March
27, 1991 (19910327)

ABSTRACT

...CONSTITUTION: A **cashier** inserts an individual dedicated card to the card reader 9 of the POS terminal when starting a job. Also, the **cashier** draws out the card when completing the job. Thereby, the working time of the **cashier** can be **calculated**, and sale revenue during that time is **calculated**, and data with respect to the above are sent to an office computer, then, wage...

13/3,K/18 (Item 18 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

03333994 **Image available**
CHECK-OUT SYSTEM

PUB. NO.: 02-309494 [JP 2309494 A]
PUBLISHED: December 25, 1990 (19901225)
INVENTOR(s): KAWAMATA YOSHIHISA
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-130949 [JP 89130949]
FILED: May 24, 1989 (19890524)
JOURNAL: Section: P, Section No. 1177, Vol. 15, No. 99, Pg. 78, March
11, 1991 (19910311)

ABSTRACT

...a basket 28, its weight is measured by a scale 27. At the time of **check out**, an **operator** inputs the cart number to the accounting machine 3, the file data of each cart...

... the values coincide with each other, the registration of all the commodities is recognized and **accurate calculation** based on the total amount is executed. Thus, the check-out work of the accounting...

13/3,K/19 (Item 19 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

02967790 **Image available**
ELECTRONIC CASH REGISTER

PUB. NO.: 01-265390 [JP 1265390 A]
PUBLISHED: October 23, 1989 (19891023)
INVENTOR(s): ABE TETSURO
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-095015 [JP 8895015]
FILED: April 18, 1988 (19880418)
JOURNAL: Section: P, Section No. 991, Vol. 14, No. 25, Pg. 128,
January 18, 1990 (19900118)

ABSTRACT

... department memory 32 and the counter 33 for the customer for the number of the **time** of the **counting** by the registration counter, and the accumulated discount amount is printed out on a receipt...

... the plural numbers of the above-mentioned discount object goods. Thus, the burden on the **cashier** can be lightened.

13/3,K/20 (Item 20 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

00515416 **Image available**
ELECTRONIC CASH REGISTER

PUB. NO.: 55-003016 [JP 55003016 A]
PUBLISHED: January 10, 1980 (19800110)
INVENTOR(s): HAMANO KOICHI
YAGI NORIO
WATANABE JUNKO
UEMATSU MASAHARU
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 53-074519 [JP 7874519]
FILED: June 20, 1978 (19780620)
JOURNAL: Section: P, Section No. 2, Vol. 04, No. 31, Pg. 8, March 18,
1980 (19800318)

ABSTRACT

... and memorized through the arithmetic operation based on the time information written. The actual working **time** is **calculated** with the first operation of the sales information input key to be recorded to cassette...

... for both the operation time of the register and the actual working time of the **cashier** .

13/AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015087259

Coins adding method in retail and wholesale establishment, involves determining and storing updated value of loose coins remaining in inventory so as to maintain accurate count of value of loose coins in inventory

Local Applications (No Type Date): US 2001832509 A 20010411; WO 2002US4691 A 20020212; AU 2002245461 A 20020212

Priority Applications (No Type Date): US 2001832509 A 20010411

13/AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014747597

Cash counting machine for cash till includes coin sorting and counting machine with output chutes leading to drawer sections

Local Applications (No Type Date): FR 2001183 A 20010108; EP 2002291709 A 20020708

Priority Applications (No Type Date): FR 2001183 A 20010108; EP 2002291709 A 20020708

13/AN,AZ,TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013967348

Computer controlled money tills storage and distribution system in grocery stores, compares received input with stored information, based on which access of compartments in cabinet through opening is controlled

Local Applications (No Type Date): WO 2000US42702 A 20001206; AU 200143113 A 20001206; US 99169230 P 19991206; US 2000731361 A 20001206; EP 2000992408 A 20001206; WO 2000US42702 A 20001206

Priority Applications (No Type Date): US 2000731361 A 20001206; US 99169230 P 19991206

13/AN,AZ,TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

012933327

Merchandise under ringing and sliding detection method in retail establishments employing electronic cash register

Local Applications (No Type Date): US 9827392 A 19980220

Priority Applications (No Type Date): US 9827392 A 19980220

13/AN,AZ,TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011248513

Evaluating performance of operators of point of sale terminals at central management unit in retail environment - displaying identities and characteristics of clerks along with stored transaction information from all terminals

Local Applications (No Type Date): WO 96US16016 A 19961004; WO 96US16016 A 19961004; JP 97514504 A 19961004; GB 9620548 A 19961002; AU 9673930 A 19961004; EP 96936228 A 19961004; WO 96US16016 A 19961004; AU 9673930 A 19961004; BR 9610809 A 19961004; WO 96US16016 A 19961004

Priority Applications (No Type Date): GB 9520463 A 19951006

13/AN,AZ,TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

001332118*

Passenger queue simulating circuit - has queue forming simulation unit
widening functional range

Priority Applications (No Type Date): SU 1743867 A 19720201

13/AN,AZ,TI/7 (Item 7 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

07591808

MERCHANDISE SALES DATA PROCESSING SYSTEM

APPL. NO.: 2001-272256 [JP 2001272256]

13/AN,AZ,TI/8 (Item 8 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

06807356

ELECTRONIC CASH REGISTER SYSTEM

APPL. NO.: 11-210968 [JP 99210968]

13/AN,AZ,TI/9 (Item 9 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

06112110

MERCHANDISE SALES REGISTRATION DEVICE

APPL. NO.: 09-206946 [JP 97206946]

13/AN,AZ,TI/10 (Item 10 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05939664

PRODUCT SALES DATA REGISTRATION PROCESSOR

APPL. NO.: 09-019311 [JP 9719311]

13/AN,AZ,TI/11 (Item 11 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05330755

CAMERA CAPABLE OF RECORDING TIME DATA

APPL. NO.: 07-088037 [JP 9588037]

13/AN,AZ,TI/12 (Item 12 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05206137

PROCESSOR FOR COMMODITY SALES REGISTRATION DATA

APPL. NO.: 06-301743 [JP 94301743]

13/AN,AZ,TI/13 (Item 13 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

04633524
SHOPPING CAR WITH READING FUNCTION

APPL. NO.: 05-094155 [JP 9394155]

13/AN,AZ,TI/14 (Item 14 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

04416374
COMMODITY SALES REGISTERED DATA PROCESSOR

APPL. NO.: 04-215844 [JP 92215844]

13/AN,AZ,TI/15 (Item 15 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03992482
ELECTRONIC CASH REGISTER

APPL. NO.: 03-084144 [JP 9184144]

13/AN,AZ,TI/16 (Item 16 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03772851
TELEPHONE SET

APPL. NO.: 02-260982 [JP 90260982]

13/AN,AZ,TI/17 (Item 17 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03348598
POS SYSTEM

APPL. NO.: 01-145900 [JP 89145900]

13/AN,AZ,TI/18 (Item 18 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03333994
CHECK-OUT SYSTEM

APPL. NO.: 01-130949 [JP 89130949]

13/AN,AZ,TI/19 (Item 19 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

02967790
ELECTRONIC CASH REGISTER

APPL. NO.: 63-095015 [JP 8895015]

13/AN,AZ,TI/20 (Item 20 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

00515416
ELECTRONIC CASH REGISTER

APPL. NO.: 53-074519 [JP 7874519]

?show files;ds

File 348:EUROPEAN PATENTS 1978-2004/Sep W04

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040930,UT=20040923

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	1894	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	19938	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	216930	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	793181	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	20	S1(10N) (S2 OR S3)
S6	9	S4(S)S5
S7	46723	IC=G06F-017?
S8	1	S5 AND S7
S9	66	S1(S) (S2 OR S3)
S10	13	S7 AND S9
S11	22	S6 OR S10
S12	22	IDPAT (sorted in duplicate/non-duplicate order)
S13	22	IDPAT (primary/non-duplicate records only)

13/3,K/18 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00779642 **Image available**

IMPROVED BUSINESS SYSTEMS
SYSTEMES COMMERCIAUX AMELIORES

Patent Applicant/Inventor:

MCCLUNG Guy LaMonte III, 18007 Pleasantwood Dr., Spring, TX 77379-2810,
US, US (Residence), US (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200113216 A1 20010222 (WO 0113216)

Application: WO 2000US22406 20000815 (PCT/WO US0022406)

Priority Application: US 99375451 19990817; US 2000506718 20000218; US
2000637293 20000808

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19233

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... for noting any price lower than the first
price for the item during the predetermined
time period,
means for **calculating** a money-value difference
between the first price and said any price
lower than the...

...for noting any price lower than
the first price for the item during the
predetermined time period,
means for **calculating** a money-value
difference between the first price and
said any price lower than the...

...difference

SUBSTITUTE SHEET(RULE26)

326 325 313 317 320 315 318

MerchcInt Tax

Software Communicator **Cashier** CoWator Transaction Ledger Register PaYff

postPayRequest(t) Pcry(t) prepare#)

selStdus(s)

1090)

Tl P...

13/3,K/21 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00325605

POINT OF PURCHASE VIDEO DISTRIBUTION SYSTEM
SYSTEME DE DISTRIBUTION VIDEO DESTINE A UN POINT D'ACHAT

Patent Applicant/Assignee:

BYLON COMPANY LTD,
CHO Nack Y,
MAGILTON Jerry E Jr,

Inventor(s):

CHO Nack Y,
MAGILTON Jerry E Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9608113 A1 19960314
Application: WO 95US11431 19950905 (PCT/WO US9511431)
Priority Application: US 94301320 19940906

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP
KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ
TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10852

Fulltext Availability:

Detailed Description

Detailed Description

... Tracking System

In the preferred embodiment of the invention, a tracking system is utilized to **track** purchase **time**, aisle where purchased and **cashier** information for product movement (sales of consumer goods) in each receiving site 254, This PC...

...the effectiveness of

the overall system and to refine the system, Usually stores already have **scanning** systems in place which collect all transactional data, or data of particular interest, during each business day, This data is then stored locally on, for example, an IBM 4680 computer (**scanning** system) connected to a PC with a Token Ring Network.

The present invention utilizes the...

13/3,K/22 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00161490 **Image available**

MARKETING RESEARCH SYSTEM FOR OBTAINING RETAIL DATA

SYSTEME DE RECHERCHE MARKETING POUR L'OBTENTION DE DONNEES RELATIVES AU
COMMERCE DE DETAIL

Patent Applicant/Assignee:

A C NIELSEN COMPANY,

Inventor(s):

DANIEL James N Jr,
BUSYN Thomas F,
BATTERMAN Brent T,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8907868 A1 19890824
Application: WO 89US385 19890131 (PCT/WO US8900385)
Priority Application: US 8852 19880211

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE BR CH DE FR GB IT JP LU NL SE
Publication Language: English
Fulltext Word Count: 14264
Fulltext Availability:
Detailed Description

Detailed Description

... collection and processing
characteristics of each in-store computer or controller
that controls the POS **scanners** /registers. Similarly,
a prior art commercially operated system has been
used in which a coupon...

...store
loop, i.e., in the store data and control loop contain
ing the POS **scanners** /registers and the in-store **scanner**
controller and computer, thereby enabling the device
to dispense coupons in response to the purchase...

...connected to the store loop and are used
for many different purposes, such as for **monitoring**
time and attendance of retail store **cashiers** .

While many of the above prior art systems
and methods constitute significant improvements over
prior...

13/AN,AZ,TI/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01435768
Noise silencer and method for use with an ultrasonic meter
Schalldämpfer und Verfahren zur Verwendung mit einem
Ultraschalldurchflussmesser
Amortisseur de bruit et methode pour utiliser avec un debitmetre a
ultrasons
APPLICATION (CC, No, Date): EP 2001310488 011214;
PRIORITY (CC, No, Date): US 740427 001219

13/AN,AZ,TI/2 (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01431268
Automated service scheduling system based on customer value
Automatisiertes System zur Terminplanung von Dienstleistungen basierend auf
dem Wert eines Kunden
Systeme automatique pour ordonnancer des services fondees sur un ordre de
priorite parmi les clients
APPLICATION (CC, No, Date): EP 2001309350 011105;
PRIORITY (CC, No, Date): US 245903 P 001103; US 782677 010212

13/AN,AZ,TI/3 (Item 3 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01426874
Automated service scheduling system
Automatisiertes Dienstleistungsplanungssystem
Systeme d'ordonnancement automatique de services
APPLICATION (CC, No, Date): EP 2001309351 011105;
PRIORITY (CC, No, Date): US 245903 P 001103; US 782616 010212

13/AN,AZ,TI/4 (Item 4 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01426555
Charge collection method
Gebuhrenerfassungsverfahren
Methode de perception de couts de facturation
APPLICATION (CC, No, Date): EP 2001125426 011031;
PRIORITY (CC, No, Date): JP 2000335340 001102

13/AN,AZ,TI/5 (Item 5 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01406143
Flow conditioner for wet gas
Stromungsgleichrichter eines feuchten Gases
Conditionneur d'ecoulement d'un gaz humide
APPLICATION (CC, No, Date): EP 2001307278 010824;
PRIORITY (CC, No, Date): US 663820 000915

13/AN,AZ,TI/6 (Item 6 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01403285
Technique for measurement of gas liquid flow velocities, and liquid level
in a pipe with stratified flow

Verfahren zur Geschwindigkeitsmessung von Gasen und Flüssigkeiten sowie des
Flüssigkeitsstandes in einem Rohr mit geschichteter Stromung
Technique de mesure de vitesses de gaz et de liquides, et du niveau de
liquide dans un écoulement stratifié dans une conduite
APPLICATION (CC, No, Date): EP 2001307277 010824;
PRIORITY (CC, No, Date): US 658071 000911

13/AN,AZ,TI/7 (Item 7 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01313517
Lottery ticket sales in fuelling forecourt
Verkauf von Lotteriescheinen bei Tankstellen
Vente de billets de loterie dans les stations a essence
APPLICATION (CC, No, Date): EP 2001300465 010119;
PRIORITY (CC, No, Date): US 487769 000119

13/AN,AZ,TI/8 (Item 8 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

00678347
Self-scanning checkout device.
Waren-Auszahlvorrichtung mit Selbstbedienungstaster.
Dispositif d'enregistrement d'articles en sortie a lecture en
libre-service.
APPLICATION (CC, No, Date): EP 94116774 941025;
PRIORITY (CC, No, Date): JP 93266373 931025; JP 945417 940121; JP 945925
940124; JP 9492619 940428

13/AN,AZ,TI/9 (Item 9 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

00442521
Check-out counter for supermarkets provided with devices for dispensing
bags, opening them and filling them with the sold items.
Warenabrechnungsanlage für Supermärkte versehen mit Vorrichtungen zum
Abgeben und Öffnen von Beuteln und Füllen mit gekauften Waren.
Caisse de sortie pour supermarchés pourvue d'appareils pour la distribution
et l'ouverture de sacs et le remplissage avec des articles vendus.
APPLICATION (CC, No, Date): EP 90830546 901121;
PRIORITY (CC, No, Date): IT 8922455 891121

13/AN,AZ,TI/10 (Item 10 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

00198966
Method of inhibiting processing of duplicative coded label signals.
Verfahren zum Ausschalten der Verarbeitung von doppelten kodierten
Etikettsignalen.
Procédé d'inhibition du traitement des signaux dédoublés d'étiquettes
codées.
APPLICATION (CC, No, Date): EP 86103211 860311;
PRIORITY (CC, No, Date): US 724435 850418

13/AN,AZ,TI/11 (Item 11 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00981418
WEB-BASED ACCOUNT MANAGEMENT
GESTION DE COMPTE SUR LE WEB

Application: WO 2002US23349 20020724 (PCT/WO US0223349)

13/AN,AZ,TI/12 (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00951379

METHOD AND COMPUTER PROGRAM FOR BUILDING AND REPLENISHING CASH DRAWERS WITH
COINS

PROCEDE ET PROGRAMME INFORMATIQUE DE CONSTRUCTION ET DE REMPLISSAGE DE
TIROIRS-CAISSES AVEC DES PIECES DE MONNAIE

Application: WO 2002US4691 20020212 (PCT/WO US0204691)

13/AN,AZ,TI/13 (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00895533

SALE METHOD AND SYSTEM EMPLOYING PRODUCT PRICE VARYING DEPENDENT UPON VALID
DATE OF PRODUCT

METHODE ET SYSTEME DE VENTE UTILISANT DES PRIX DE PRODUITS VARIANT EN
FONCTION DE LA DATE D'EXPIRATION DES PRODUITS

Application: WO 2001KR1628 20010927 (PCT/WO KR0101628)

13/AN,AZ,TI/14 (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00872927

WEB-BASED ACCOUNT MANAGEMENT
GESTION DE COMPTE PAR INTERNET

Application: WO 2001US41335 20010711 (PCT/WO US0141335)

13/AN,AZ,TI/15 (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00853827

WEB-BASED ACCOUNT MANAGEMENT
GESTION DE COMPTE ACCESSIBLE SUR INTERNET

Application: WO 2001US14659 20010507 (PCT/WO US0114659)

13/AN,AZ,TI/16 (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00808331

A SYSTEM, METHOD, AND COMPUTER PROGRAM FOR MANAGING STORAGE AND
DISTRIBUTION OF MONEY TILLS

SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR GERER LE STOCKAGE ET LA
DISTRIBUTION DE TIROIRS-CAISSES

Application: WO 2000US42702 20001206 (PCT/WO US0042702)

13/AN,AZ,TI/17 (Item 17 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00806383

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING
DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
AND METHOD THEREOF

PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES
STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN
ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET
PROCEDE ASSOCIE

Application: WO 2000US32309 20001122 (PCT/WO US0032309)

13/AN,AZ,TI/18 (Item 18 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00779642

IMPROVED BUSINESS SYSTEMS
SYSTEMES COMMERCIAUX AMELIORES

Application: WO 2000US22406 20000815 (PCT/WO US0022406)

13/AN,AZ,TI/19 (Item 19 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00765441

DEFINING AND UPLOADING MULTIPLE TRANSACTION DESCRIPTIONS FROM A CLIENT TO A
TRANSACTION FACILITY

PROCEDE ET SYSTEME POUR DEFINIR ET TELECHARGER VERS L'AMONT PLUSIEURS
DESCRIPTIONS DE TRANSACTION D'UN EQUIPEMENT CLIENT VERS UN EQUIPEMENT
DE TRANSACTION

Application: WO 2000US17136 20000621 (PCT/WO US0017136)

13/AN,AZ,TI/20 (Item 20 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00348333

AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS

PLATE-FORME DE DEVELOPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE

Application: WO 96US1686 19960321 (PCT/WO US9601686)

13/AN,AZ,TI/21 (Item 21 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00325605

POINT OF PURCHASE VIDEO DISTRIBUTION SYSTEM
SYSTEME DE DISTRIBUTION VIDEO DESTINE A UN POINT D'ACHAT

Application: WO 95US11431 19950905 (PCT/WO US9511431)

13/AN,AZ,TI/22 (Item 22 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00161490

MARKETING RESEARCH SYSTEM FOR OBTAINING RETAIL DATA

SYSTEME DE RECHERCHE MARKETING POUR L'OBTENTION DE DONNEES RELATIVES AU
COMMERCE DE DETAIL

Application: WO 89US385 19890131 (PCT/WO US8900385)

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?show files;ds
File 2:INSPEC 1969-2004/Sep W4
(c) 2004 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2004/Sep
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Oct W1
(c) 2004 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Aug
(c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO .Pub.
File 474:New York Times Abs 1969-2004/Oct 01
(c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Oct 01
(c) 2004 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 256:TecInfoSource 82-2004/Jul
(c)2004 Info.Sources Inc
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(c) 2004 Elsevier Eng. Info. Inc.
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(c)2004 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2004/Sep W4
(c) 2004 NTIS, Intl Cpyrghrt All Rights Res
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(c) 2004 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 7:Social SciSearch(R) 1972-2004/Sep W4
(c) 2004 Inst for Sci Info
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Oct 04
(c) 2004 The Gale Group
```

Set	Items	Description
S1	1367	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	143614	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	775991	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	1902085	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	3	S1(10N) (S2 OR S3)
S6	0	S4(S)S5
S7	14	S1 AND (S2 OR S3)
S8	11	S7 NOT PY>2000
S9	11	S8 NOT PD=20000801:20041130
S10	9	RD (unique items)

10/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) "2004 Institution of Electrical Engineers. All rts. reserv.

03280595 INSPEC Abstract Number: D89000333
Title: **Getting beyond 'eyeball' management (restaurant business)**
Author(s): Service, R.M.
Journal: Personal Computing vol.12, no.10 p.166-8
Publication Date: Oct. 1988 Country of Publication: USA
CODEN: PLCMDL ISSN: 0192-5490
Language: English
Subfile: D

...Abstract: hardware and software has enabled Las Casuelas to offer customers flexible menu choices, automate the **cashier** system, design its menus, and **monitor** when employees punch the sophisticated **time** clock. Today, the business is simply too competitive for an operator to be very successful...

...Identifiers: **cashier** system

10/3,K/3 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2004 ProQuest Info&Learning. All rts. reserv.

700190 ORDER NO: AAD80-25107
AN ANALYSIS OF COMPETENCIES IN TRAINING SUPERMARKET CHECKER- CASHIERS WITH IMPLICATIONS FOR CURRICULUM DEVELOPMENT FOR HIGH SCHOOL DISTRIBUTIVE EDUCATION

Author: ROSE, MORTON SHERWYN
Degree: ED.D.
Year: 1980
Corporate Source/Institution: TEMPLE UNIVERSITY (0225)
Source: VOLUME 41/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2576. 162 PAGES

AN ANALYSIS OF COMPETENCIES IN TRAINING SUPERMARKET CHECKER- CASHIERS WITH IMPLICATIONS FOR CURRICULUM DEVELOPMENT FOR HIGH SCHOOL DISTRIBUTIVE EDUCATION

This study investigated and analyzed supermarketing checker- **cashier** training relative to identified competencies. The study included interviewing one hundred and twenty persons consisting of forty managers, forty checker- **cashiers** , and forty customers for the collection of data. The question under consideration was to determine...
...factors were examined to identify what is needed in the training for proficient supermarket checker- **cashiers** .

The proper training of individuals for the job of supermarket checker- **cashier** could be very significant to the success of the store. Competition, in the field, can...

...shop and spend their money, and the importance to a store of having good checker- **cashiers** is recognized and realized.

There are 1.4 million employees in supermarketing, the average supermarket...

...periodicals, and letters were examined.

Procedures and methods in analyzing competencies in training supermarket checker- **cashiers** were presented, the results of which are intended for curriculum development for the high school...

...Education student in Philadelphia. The entire gamut of competencies and the job of supermarket checker- **cashier** were investigated through: (1) the writing of letters; (2) interviewing people connected in this field...

...multivariate analysis using factor analysis and discriminant analysis in dealing with competencies in training checker- **cashiers** for the ultimate in curriculum development. This method was performed to expose the most important issues as viewed by the three categories of: managers, checker- **cashiers** , and customers.

The major findings of the research were: (1) the means and standard deviations...

...in personnel selection, type of individual they would hire, and the place of a checker- **cashier** training program in a high school Distributive Education course; (3) It appears that the vast supermarket industry is still going to be in need of skilled checker- **cashiers** in order to enjoy operational **efficiency** at the check-out **counter** .

The results of this research led to the following recommendations: (1) the high school Distributive...

...Philadelphia and elsewhere should include a required unit for the training of a supermarket checker- **cashier** in its curriculum; (2) Skills in how to use the modern cash registers, deal in...

...in the training of high school Distributive Education students for the job of supermarket checker- **cashier** should be sought.

Also, there are recommendations for further research wherein: (1) studies similar to...

...find out whether there are any area differences in the task analysis of supermarket checker- **cashiers** ; (2) Comparative studies as to how industry trains people as opposed to how education trains...

...investigate and evaluate scanning and other innovations as it affects the job of supermarket checker- **cashier** and the adaptation to education training programs; (4) Future research might conduct follow-up studies on individuals who have worked as supermarket checker- **cashiers** to learn what might happen to such an individual, five, ten, and fifteen years from...

10/3,K/6 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1602558 NTIS Accession Number: AD-A238 871/8
Simulation Analysis of the USAF Commissary Customer Service Environment in Support of AFCOMS Store-Level Staff Sizing
(Master's thesis)
Fritz, B. H.
Air Force Inst. of Tech., Wright-Patterson AFB, OH. School of Engineering.
Corp. Source Codes: 000805002; 012225
Report No.: AFIT/GOR/ENS/84D-4
Apr 91 158p
Languages: English Document Type: Thesis
Journal Announcement: GRAI9123
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A08/MF A02

... for customer service (manpower standard) upon commissary operating environments and to investigate the sensitivity of **performance parameters** within the customer service system. Specific problems addressed were: (1) Comparison of the **cashier** manpower requirements calculated by the proposed AFCOMS manpower standard to those determined by a simulation...

...the commissary given the proposed standard; and (3) Determination of the

sensitivity of customer waiting **time** performance **measures** to variations in arrival patterns and service rates and to queueing system configuration. A SLAM...

... operating conditions in two. This information was used to develop a regression model which calculated **cashier** hours based upon customer service system **operations parameters**. The regression model was then used to check the proposed manpower standard and determine any...

Identifiers: Commissaries; *Air Force facilities; Customer services; User needs; Queueing theory; **Cashiers**; Computerized simulation; Logistics management; Theses; NTISDODXA

10/AA,AN,TI/1 (Item 1 from file: 2)
DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts.
reserv.

Title: Getting beyond 'eyeball' management (restaurant business)

10/AA,AN,TI/2 (Item 1 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01205669
FRAMING MULTIDIMENSIONAL PREDICTOR-CRITERION SPACE IN TERMS OF TYPICAL AND
MAXIMUM PERFORMANCE: VALIDITIES AND IMPLICATIONS FOR WHITES AND BLACKS (JOB
PERFORMANCE, EMPLOYEE SELECTION)

10/AA,AN,TI/3 (Item 2 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

700190
AN ANALYSIS OF COMPETENCIES IN TRAINING SUPERMARKET CHECKER- CASHIERS WITH
IMPLICATIONS FOR CURRICULUM DEVELOPMENT FOR HIGH SCHOOL DISTRIBUTIVE
EDUCATION

10/AA,AN,TI/4 (Item 1 from file: 99)
DIALOG(R)File 99:(c) 2004 The HW Wilson Co. All rts. reserv.

1676955 H.W. WILSON RECORD NUMBER: BAST97016776
Scanner helps speed property tax payments

10/AA,AN,TI/5 (Item 1 from file: 583)
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

06008237
Tender Notices
SINGAPORE: TENDER FOR EQUIPMENT

10/AA,AN,TI/6 (Item 1 from file: 6)
DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

NTIS Accession Number: AD-A238 871/8
Simulation Analysis of the USAF Commissary Customer Service Environment
in Support of AFCOMS Store-Level Staff Sizing
(Master's thesis)

10/AA,AN,TI/7 (Item 2 from file: 6)
DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

NTIS Accession Number: AD-A178 924/7
AQCESS (Automated Quality of Care Evaluation Support System) Medical
Services Accounting Course Workbook

10/AA,AN,TI/8 (Item 3 from file: 6)
DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

NTIS Accession Number: AD-781 969/1/XAB
Real-Time Cinetheodolite Data System (RTCDS) for Yuma Proving Ground

(Final rept)

10/AA,AN,II/9 (Item 1 from file: 7)
DIALOG(R)File 7:(c) 2004 Inst for Sci Info. All rts. reserv.

Title: REDUCTION OF SEVERE BEHAVIOR PROBLEMS IN THE COMMUNITY USING A
MULTICOMPONENT TREATMENT APPROACH

?show files;ds
File 9:Business & Industry(R) Jul/1994-2004/Oct 01
(c) 2004 The Gale Group
File 15:ABI/Inform(R) 1971-2004/Oct 04
(c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Oct 04
(c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Oct 04
(c) 2004 The Dialog Corp.
File 148:Gale Group Trade & Industry DB 1976-2004/Oct 04
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Oct 04
(c) 2004 The Gale Group

Set	Items	Description
S1	38740	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK?(-)OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK()STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	153510	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ?? OR STATISTIC??)
S3	629409	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	2766244	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	115	S1(10N) (S2 OR S3)
S6	15	S4(S)S5
S7	14	S6 NOT PY>2000
S8	14	S7 NOT PD=20000801:20041130
S9	10	RD (unique items)

9/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01065831 97-15225
Price Chopper POS moving from "unique" to standards
Fox, Bruce
Chain Store Age Executive v71n7 PP: 31-34 Jul 1995
ISSN: 0193-1199 JRNL CODE: CSA
WORD COUNT: 578

...TEXT: in-store processor, which performs accounting and communications functions.

Integrated into the POS system are **scanner** /scales, debit, credit, coupon **scanning** , **cashier** performance **tracking** , real- **time** positive check authorization with the Stratus fault-tolerant host at headquarters, electronic couponing, customer purchase...

9/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05284338 Supplier Number: 48048181 (USE FORMAT 7 FOR FULLTEXT)
ULTRA MART EMPLOYS INTERNETWORKING PROTOCOL FOR DATA MINING
AMATO-McCOY, DEENA
Supermarket News, p23
Oct 13, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 528

... productivity," Makofski explained. "This will allow us to query information that will let us investigate **scanning** vs. idle time **cashiers** spend at registers. It will also let us examine **cashier accuracy** , and **track** voids and overrides." The retailer will begin testing this during the first quarter of 1998...

9/3,K/9 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

02331559 SUPPLIER NUMBER: 03786892 (USE FORMAT 7 OR 9 FOR FULL TEXT)
K mart, Wal-Mart introducing laser scanners.
Discount Store News, v24, p3(2)
May 27, 1985
ISSN: 0012-3587 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 923 LINE COUNT: 00071

... with hand-held laser guns at the front-end of one unit in Kingsport, Tenn. (**Cashiers** have experienced difficulty holding bags open in the checkout **counter** , however, Martin said, limiting **efficiency** .)
The strategic goals of both chains are similar: to improve inventory management, increase their automatic...

9/3,K/10 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

01884004 SUPPLIER NUMBER: 03035512 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Firing line: what is the number one benefit your store gets from the use of scanners? (supermarket survey) (column)

Rigney, Pete
Progressive Grocer, v62, p132(1)
Dec, 1983
DOCUMENT TYPE: column ISSN: 0033-0787 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 762 LINE COUNT: 00057

... we do and please customers, without them.
Tim Colliver, assistant manager, Winn-Dixie, Lexington, Ky.: **Speed**
and **accuracy** at the **cashier counter**. **Scanners** are also **time**
savers. We have a program called "Scan-Bag," where a checker can scan and
bag...

9/AA,AN,TI/1 (Item 1 from file: 15)
DIALOG(R)File 15:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01065831 97-15225
Price Chopper POS moving from "unique" to standards

9/AA,AN,TI/2 (Item 1 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05369302 Supplier Number: 48165403
Can NCR succeed where others have failed?

9/AA,AN,TI/3 (Item 2 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05284338 Supplier Number: 48048181
ULTRA MART EMPLOYS INTERNETWORKING PROTOCOL FOR DATA MINING

9/AA,AN,TI/4 (Item 1 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

04895744
ING Bank cashiers fear 400 jobs will go (Kassiers ING Bank bang voor
verlies 400 banen)

9/AA,AN,TI/5 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

06467773 SUPPLIER NUMBER: 13833056
The case against carpal punishment. (carpal tunnel syndrome) (includes
related articles) (Supply Chain Management) (Cover Story)

9/AA,AN,TI/6 (Item 2 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

05494869 . SUPPLIER NUMBER: 11106206
Stewart's holds market with low prices, high value. (Stewart's Ice Cream
Company Inc.) (Special Report: Focus on Saratoga County) (company profile)

9/AA,AN,TI/7 (Item 3 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

04833078 SUPPLIER NUMBER: 09589267
Difficult economy won't hurt drug stores, says analyst. (Carol I. Palmer)

9/AA,AN,TI/8 (Item 4 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

03323569 SUPPLIER NUMBER: .05274138 .
Scan-Trak conserves counter space, energy. (Metrologic Instrument's bar
code scanning device) (Scan-Tech supplement)

9/AA,AN,TI/9 (Item 5 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

02331559 SUPPLIER NUMBER: 03786892
K mart, Wal-Mart introducing laser scanners.

9/AA,AN,TI/10 (Item 6 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

01884004 SUPPLIER NUMBER: 03035512
Firing line: what is the number one benefit your store gets from the use of
scanners? (supermarket survey) (column)

?show files;ds
File 476:Financial Times Fulltext 1982-2004/Oct 04
(c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Oct 04
(c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Oct 04
(c) 2004 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 04
(c) 2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Sep 20
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Oct 01
(c) 2004 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 04
(c) 2004 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	7522	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N). (OPERATOR? ? OR CLERK? ?)
S2	67075	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	189476	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	1036410	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	9	S1(10N) (S2 OR S3)
S6	1	S4(S)S5
S7	13	S1(20N) (S2 OR S3)
S8	7	S4 AND S7
S9	10	S5 OR S8
S10	9	S9 NOT PY>2000
S11	9	S10 NOT PD=20000801:20041130
S12	8	RD (unique items)

12/3,K/2 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c)'2004 The Gale Group. All rts. reserv.

01529869 Supplier Number: 47357014 (USE FORMAT 7 FOR FULLTEXT)
POS makes customer service easy for Ohio food chain -- Stores Automated Systems, SASI, offers innovative point-of-sale.
Business Wire, p05051415
May 5, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 603

... have a canopy for drive-up loading in front of the store," said Judy Kilburn, **scanning** coordinator of Riesbeck's.
SASI's distributed system architecture offers a scaleable POS solution for...

...at the top of the receipt.

Kilburn says that state-of-the-art Magellan(TM) **scanner** /scales (featuring 360-degree **scanning**) are now installed at most register locations. She suggests that the devices are ergonomically safer for the cashiers who have had no complaints of wrist pain since the SASI installations.

Cashier 's also benefit from SASI's CRT color **monitors** which significantly reduce training **time** via transaction lead through, help messages and electronic PLU flip charts.

Additionally, Direct Store Delivery...

12/3,K/6 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03869659 Supplier Number: 48444851 (USE FORMAT 7 FOR FULLTEXT)
Grocers Turn To Automated Cashiers To Speed Up Their Checkout Lines
Debit Card News; pN/A
April 27, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1281

... least 18 supermarket companies in the U.S. and Canada had tested or implemented self- **scanning** checkout systems as of the end of last year, FMI says.

Though the system designs...

...screen and a voice prompt instructs the individual to drag an item over the checkout **scanner** , which reads the bar code on the package that contains pricing and product information. The customer then places the items into shopping bags.

Once all of the items are **scanned** , the terminal prompts the customer to choose a payment method. The system accepts online and...

...so that cardholder codes cannot be seen. Also, the system maintains a database of the **weight** of 100,000 items sold at the store so that the total **weight** of a shopping bag can be compared against the **weight** of the **scanned** items, says Henry M. Karp, Optimal Robotics executive vice president. He adds that he expects...

...systems, which allow cardholders to punch in their personal identification numbers while the cashier is **scanning** their groceries, says Tracy L. Flynn, NCR vice president.

While also designed for express lanes, NCR's self-checkout system does not require a **cashier** supervisor to **monitor** transactions. The only

time, a supervisor comes to the lane is to verify age if the customer is buying...ll do it in an aisle where no camera is watching them."

In addition, the **scanner** can detect any motion above it, so that if an item's bar code is not **scanned**, the system will issue a message asking the consumer to make sure that all of the items have registered.

Choosing Options

As an item is **scanned**, its price and description appear on the monitor screen, along with a running total of...

12/3,K/7 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

03225111 Supplier Number: 46612177 (USE FORMAT 7 FOR FULLTEXT)

Capacity and operational update

Gas Transportation Report, v5, n31, pN/A

August 7, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1425

... its offshore Eugene Island 26-inch lateral for mid-September. The rescheduling is to allow **operators time to check out** liquid **metering** facilities and to assure proper contracts are in place, according to the pipeline.

Columbia Gulf...

12/AA,AN,TI/1 (Item 1 from file: 476)
DIALOG(R)File 476:(c) 2004 Financial Times Ltd. All rts. reserv.

B05JVA3AC4FT
Survey of Computers In Banking And Finance (1): Swimming with the electric
tide / Introduction

12/AA,AN,TI/2 (Item 1 from file: 621)
DIALOG(R)File 621:(c) 2004 The Gale Group. All rts. reserv.

01529869 Supplier Number: 47357014
POS makes customer service easy for Ohio food chain -- Stores Automated
Systems, SASI, offers innovative point-of-sale.

12/AA,AN,TI/3 (Item 2 from file: 621)
DIALOG(R)File 621:(c) 2004 The Gale Group. All rts. reserv.

01441549 Supplier Number: 46813583
Mars revolutionizes electronic safe for c-stores.

12/AA,AN,TI/4 (Item 3 from file: 621)
DIALOG(R)File 621:(c) 2004 The Gale Group. All rts. reserv.

01028560 Supplier Number: 39901139
Lundy-Farrington launches verification system for instant at-the- counter
signature verification

12/AA,AN,TI/5 (Item 1 from file: 624)
DIALOG(R)File 624:(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

01140555
Traders Self Park honored by IPI

12/AA,AN,TI/6 (Item 1 from file: 636)
DIALOG(R)File 636:(c) 2004 The Gale Group. All rts. reserv.

03869659 Supplier Number: 48444851
Grocers Turn To Automated Cashiers To Speed Up Their Checkout Lines

12/AA,AN,TI/7 (Item 2 from file: 636)
DIALOG(R)File 636:(c) 2004 The Gale Group. All rts. reserv.

03225111 Supplier Number: 46612177
Capacity and operational update

12/AA,AN,TI/8 (Item 1 from file: 813)
DIALOG(R)File 813:(c) 1999 PR Newswire Association Inc. All rts. reserv.

0320777
DIFFICULT ECONOMY WON'T HURT DRUG STORES, SAYS ANALYST

?show files;ds

File 13:BAMP 2004/Sep W4

(c) 2004 The Gale Group

File 75:TGG Management Contents(R) 86-2004/Sep W4

(c) 2004 The Gale Group

File 990:NewsRoom Current June 1 -2004/Oct 04

(c) 2004 The Dialog Corporation

File 141:Readers Guide 1983-2004/Aug

(c) 2004 The HW Wilson Co

File 483:Newspaper Abs Daily 1986-2004/Oct 02

(c) 2004 ProQuest Info&Learning

File 484:Periodical Abs Plustext 1986-2004/Sep W4

(c) 2004 ProQuest

File 47:Gale Group Magazine DB(TM) 1959-2004/Oct 04

(c) 2004 The Gale group

Set	Items	Description
S1	13071	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	27509	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	222687	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	906772	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	23	S1(10N) (S2 OR S3)
S6	1	S4(S)S5
S7	11	S4 AND S5
S8	34	S1(20N) (S2 OR S3)
S9	2	S4(S)S8
S10	24	S5 OR S9 /
S11	11	S10 NOT PY>2000
S12	10	S11 NOT PD=20000801:20041130
S13	9	RD (unique items)

13/3,K/2 (Item 2 from file: 75)
DIALOG(R)File 75:TGG Management Contents(R)
(c)'2004 The Gale Group. All rts. reserv.

00118858 SUPPLIER NUMBER: 06949071
Relations between measures of typical and maximum job performance.
Sackett, Paul R.; Fogli, Larry; Zedeck, Sheldon
Journal of Applied Psychology, v73, n3, p482(5)
Aug, 1988
ISSN: 0021-9010 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: and requirements for a fair examination of relations between the two. Typical and maximum performance **measures** of the **speed** and **accuracy** with which supermarket **cashiers** process items were obtained from two large samples (Ns = 635 and 735) of cashiers from...

13/3,K/4 (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abs·Plustext
(c) 2004 ProQuest. All rts. reserv.

01820728 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The longest line
Gunch, Modine
New Orleans Magazine (INOM), v28 n4, p105, p.1
Jan 1994
ISSN: 0897-8174 JOURNAL CODE: INOM
DOCUMENT TYPE: Commentary
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 934 LENGTH: Medium (10-30 col inches)

TEXT:
... a scientific system. While I am getting the groceries, she will stand by the checkout **counters** and **time** how long it takes each **cashier** to finish with one customer. We don't got no stop watch, but she's...

13/3,K/6 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

04132835 SUPPLIER NUMBER: 15603207 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Employee of the year: high-tech manager makes the grade. (management information system)
Ensign, Jim
Parks & Recreation, v29, n7, p42(3)
July, 1994
ISSN: 0031-2215 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1215 LINE COUNT: 00096

... the Phillips Park Family Aquatic Center the employee time clock, the entrance turnstile, and the **cashier** stations are among the management components **monitored** by the system.
The **Time** Clock
Aquatics staff use a bar-coded i.d. badge to clock in and out...

13/3,K/7 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

03721612 SUPPLIER NUMBER: 12268056 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Putting the customer first. (customer service)
Birrell, Jim
Management Today, p5(1)

June, 1992

CODEN: MANTA

ISSN: 0025-1925

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT; ABSTRACT

WORD COUNT: 900

LINE COUNT: 00071

... oriented business sometimes has to take action to change customer behaviour. Benefits will include more **efficient** use of branch **counters** for those who need **cashier** service, shorter queues, lower costs and hence scope for better interest rates for serious savers...

13/AA,AN,TI/1 (Item 1 from file: 75)
DIALOG(R)File 75:(c) 2004 The Gale Group. All rts. reserv.

00203701 SUPPLIER NUMBER: 19773003
Wired and emotional. (negative impact of information and communication technologies) (includes related articles) (Cover Story)

13/AA,AN,TI/2 (Item 2 from file: 75)
DIALOG(R)File 75:(c) 2004 The Gale Group. All rts. reserv.

00118858 SUPPLIER NUMBER: 06949071
Relations between measures of typical and maximum job performance.

13/AA,AN,TI/3 (Item 1 from file: 484)
DIALOG(R)File 484:(c) 2004 ProQuest. All rts. reserv.

02076896
Effects of videotape instructional package on purchasing skills of children with autism

13/AA,AN,TI/4 (Item 2 from file: 484)
DIALOG(R)File 484:(c) 2004 ProQuest. All rts. reserv.

01820728
The longest line

13/AA,AN,TI/5 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

04169893 SUPPLIER NUMBER: 16228073
Air Force golf shop merchandising: a benchmark approach.

13/AA,AN,TI/6 (Item 2 from file: 47)
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

04132835 SUPPLIER NUMBER: 15603207
Employee of the year: high-tech manager makes the grade. (management information system)

13/AA,AN,TI/7 (Item 3 from file: 47)
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03721612 SUPPLIER NUMBER: 12268056
Putting the customer first. (customer service)

13/AA,AN,TI/8 (Item 4 from file: 47)
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

03384435 SUPPLIER NUMBER: 08132290
How to help your students better understand money basics. (Software Review) (evaluation of two mathematical software packages) (evaluation)

13/AA,AN,TI/9 (Item 5 from file: 47)
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

03160352 SUPPLIER NUMBER: 06817420
"We need time off." (Symbol Technologies) (company profile)

09677153 ,

=> dis .his

(FILE 'HOME' ENTERED AT 17:12:51 ON 04 OCT 2004)

FILE 'CONFSCI' ENTERED AT 17:12:56 ON 04 OCT 2004

L1 2 S CASHIER# OR (CASH(W) (REGISTER# OR DRAWER#) OR CHECK?(W)OUT# O
L2 1395 S QUALITY(W) (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK(W) (F
L3 3140 S (TRACK### OR MONITOR### OR MEASUR### OR MEASUREMENT# OR METER
L4 0 S L1 AND (L2 OR L3)

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